IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the Application are reproduced below.

1.   (Currently Amended)   A method for sharing over-allocated bandwidth between service classes in a wireless network comprising:

transmitting traffic for a first service class in excess of bandwidth allocated to the first service class using unused bandwidth allocated to a ~~second~~ third service class; and

~~after transmitting traffic for a first service class in excess of bandwidth allocated to the first service class using unused bandwidth allocated to a second class,~~ transmitting the traffic for ~~a third~~ the first service class in unused bandwidth remaining in ~~the~~ a second service class in cases where a bandwidth requirement for the traffic is not met by using the unused bandwidth allocated to the third service class.

2.   (Original) The method of Claim 1, wherein the third service class comprises a lower priority than the first service class.

3.   (Original)   The method of Claim 1, wherein the second service class comprises a lower priority than the first service class.

4.   (Currently Amended)   The method of Claim 1, wherein ~~the second class comprises a lowest priority that has unused bandwidth~~ unused voice bandwidth is used to accommodate the bandwidth requirement before using the unused bandwidth allocated to the third service.

5.   (Original) The method of Claim 1, wherein the second class comprises non-bursty traffic flows.

6.   (Currently Amended) The method of ~~Claims~~ Claim 5, wherein the non-bursty ~~service class~~ traffic flows comprises voice traffic.

7.   (Currently Amended)   A method for sharing over-allocated bandwidth between service classes in a wireless network comprising:

means for transmitting traffic for a first service class in excess of bandwidth allocated to the first service class using unused bandwidth allocated to a ~~second~~ third service class; and

means for, ~~after transmitting traffic for a first service class in excess of bandwidth~~ ~~allocated to the first service class using unused bandwidth allocated to a second class,~~ transmitting the traffic for ~~a third~~ the first service class in unused bandwidth remaining in ~~the~~ a second service class in cases where a bandwidth requirement for the traffic is not met by using the unused bandwidth allocated to the third service class.

8.   (Original) The system of Claim 7, wherein the third service class comprises a lower priority class of service (CoS) than the first service class.

9.   (Original) The system of Claim 7, wherein the second service class comprises a lower priority CoS than the first service class.

10.   (Currently Amended) The system of Claim 7, wherein ~~the second class~~ ~~comprises the lowest priority CoS that has unused bandwidth~~ unused voice bandwidth is used to accommodate the bandwidth requirement before using the unused bandwidth allocated to the third service.

11.   (Original) The system of Claim 7, wherein the second class comprises a non-bursty CoS.

12.   (Currently Amended) The system of Claims 11, wherein the non-bursty ~~service class~~ CoS comprises voice traffic.

13.   (Currently Amended) A system for sharing over-allocated bandwidth between service classes in a wireless network comprising logic encoded in media, the logic operable to:

transmit traffic for a first service class in excess of bandwidth allocated to the first service class using unused bandwidth allocated to a ~~second~~ third service class; and

~~after transmitting traffic for a first service class in excess of bandwidth allocated to the first service class using unused bandwidth allocated to a second class,~~ transmit <u>the</u> traffic for ~~a third~~ <u>the first</u> service class in unused bandwidth remaining in ~~the~~ <u>a</u> second service class <u>in cases where a bandwidth requirement for the traffic is not met by using the unused bandwidth allocated to the third service class</u>.

14.   (Original) The system of Claim 14, wherein the third service class comprises a lower priority class of service (CoS) than the first service class.

15.   (Original) The system of Claim 14, wherein the second service class comprises a lower priority CoS than the first service class.

16.   (Currently Amended) The system of Claim 14, wherein ~~the second class comprises the lowest priority CoS that has unused bandwidth~~ <u>unused voice bandwidth is used to accommodate the bandwidth requirement before using the unused bandwidth allocated to the third service</u>.

17.   (Original) The system of Claim 14, wherein the second class comprises a non-bursty CoS.

18.   (Currently Amended) The system of Claims 17, wherein the non-bursty ~~service class~~ <u>CoS</u> comprises voice traffic.

19. (Original) A method for sharing over-allocated bandwidth between service classes in a wireless network comprising:

transmitting traffic for a first service class in excess of bandwidth allocated to the first service class using unused bandwidth allocated to a second class; and

after transmitting traffic for a first service class in excess of bandwidth allocated to the first service class using unused bandwidth allocated to a second class, transmitting traffic for the first service class in unused bandwidth remaining in a third service class.

20. (Original) The method of Claim 19, wherein the third service class comprises a lower priority than the first service class.

21. (Original) The method of Claim 19, wherein the second service class comprises a lower priority than the first service class.

22. (Original) The method of Claim 19, wherein the second class comprises a lowest priority that has unused bandwidth.

23. (Original) The method of Claim 19, wherein the second class comprises non-bursty traffic flows.

24. (Currently Amended) The method of Claims 23, wherein the non-bursty service class traffic flows comprises voice traffic.

25.   (Original) A method for sharing over-allocated bandwidth between service classes in a wireless network comprising:

transmitting expedited assured forwarding (AF) traffic in bandwidth allocated to AF traffic;

transmitting best effort (BE) traffic in bandwidth allocated to BE traffic;

transmitting voice traffic in bandwidth allocated to voice traffic;

transmitting AF traffic in excess of bandwidth allocated to AF traffic using unused bandwidth allocated to voice traffic if, after transmitting voice traffic in bandwidth allocated to voice traffic, bandwidth allocated to voice traffic is available;

transmitting AF traffic in excess bandwidth allocated to BE traffic if, after transmitting BE traffic in bandwidth allocated to BE traffic, bandwidth allocated to BE traffic is available and bandwidth allocated to voice traffic is unavailable; and

transmitting BE traffic in excess of bandwidth allocated to BE traffic using unused bandwidth allocated to voice traffic if, after transmitting voice traffic in bandwidth allocated to voice traffic and after transmitting AF traffic in excess of bandwidth allocated to AF traffic in bandwidth allocated to voice traffic, bandwidth allocated to voice traffic is available.